Printed pages: 01 **Sub Code: BOP115**

Paper Id: 150125 **Roll No.** | | | | | | | | | | |

B. PHARM.

(SEM I) THEORY EXAMINATION 2018-19

COMPUTER FUNDAMENTALS

Time: 3 Hours ***Total Marks: 100***

Note: 1. Attempt all Sections.

SECTION A

1. Attempt *all* questions in brief. **2 x10 = 20**

a) Explain any four shortcut keys used in MS Excel**.**
b) Explain different types of operating systems.
c) Write a short note on repeater.
d) What is Telemedicine?
e) Write a short note on single-user operating system?
f) Why Macros are used? Explain with an example.
g) Write about MS-Word document creation.
h) What do you understand by Firmware?
i) What do you mean by volatile memory?
j) What is database? How it is different from a file.

SECTION B

2. Attempt any *three* of the following: **10 x 3 = 30**

a) What do you mean by Computer Network? Explain with suitable example.
b) List any three input and output devices by giving their application.
c) What is an Operating System? Write its major functions.
d) What do you understand by MS-DOS? Give the example of any four internal MS-DOS commands with proper syntax
e) What is processing of creating a new blank worksheet or spreadsheet**?**

SECTION C

3. Attempt any *one* part of the following: **10 x 1= 10**

(a) Describe use of internet in Pharmaceutical Industry in detail.
(b) What are registers? List out the commonly use registers in the CPU and explain their functions.

4. Attempt any *one* part of the following: **10 x 1= 10**

(a) What do you understand by Real-Time System? Describe Hard Real System.
(b) Discuss in detail the use of computer in pharmaceutical industries and clinical studies with suitable examples.

5. Attempt any *one* part of the following: **10 x 1= 10**

(a) Explain various text functions used in MS Excel?
(b) Explain various internetworking tools used in computer networking.

6. Attempt any *one* part of the following: **10 x 1= 10**

(a) Differentiate between LAN, MAN and WAN.
(b) Explain the Computer Organization with suitable diagram.

7. Attempt any *one* part of the following: **10 x 1= 10**

(a) What are various topologies used in computer networks?
(b) What do you understand by database and database management system?

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